

Descriptions of new species of LEPIDOPTERA from North China ;
by W. B. PRYER.

Neptis intermedia, n. sp. Pl. IV, f. 1.

Thorax iridescent green, upper side ground colour brown-black. F.w. in costal half a longitudinal white streak from base two-thirds across wing, interrupted towards the end by a band of the ground colour; in outer half six large white spots form a sort of bow-shaped band across the wing, bending inwards towards the inner margin; a submarginal line of irregularly shaped white spots: h.w. a transverse straight white band from inner half of abdominal margin to outer half of costa; from just above anal angle a thinner white band or streak, interrupted by the ground coloured nervures, crosses the wing nearly to the anterior angle. Under side dark chocolate, shading into lead colour on inner margin of f.w., markings much the same as on upper side, the submarginal row of spots on f.w. being more distinctly marked, and there are generally some additional white marks on the margin itself; h.w. in addition to the upper side markings, there is a thin submarginal white line, a somewhat indistinct white line between the two central bands, and from the base there are two short white streaks, one a little way along the costa and the other below it. Expanse of wings $2\frac{1}{3}$ inches to $2\frac{1}{2}$ inches.

Inhabits the greater part of North China, common; it also occurs in Japan.

Lampides filicaudis, n. sp.

Upper side ground colour smoky brown-black, alike in both sexes, the only markings being a just discernible submarginal row of spots on the h.w. faintly edged with slaty-blue. Under side slaty-grey, the usual *Lycaena* like spots large, black, well marked, and narrowly edged with white. The tail is very diminutive, and hardly distinguishable except in newly emerged specimens; the space between the two anal spots of the marginal and submarginal rows is more or less orange. Expanse of wings 10 lines to 1 inch.

Abundant everywhere in hilly districts in North China. Has a curious habit of settling on the sides of bare rocks. This species has probably been overlooked from its similarity to the females of some of the common *Lycaenidae*.

Euchloris procumbaria, n. sp. Pl. IV, f. 2.

Light green. F.w. three indistinct whitish lines from costa to inner margin; just within posterior angle a white blotch encircled by a brown-red line: h.w. anterior angle with two somewhat diamond shaped white blotches, surrounded by a brown-red line, which runs for a short distance along the outer margin, and again becomes apparent at the anal angle, fringe spotted with same colour. Expanse of wings 1 inch.

Shanghai, rather rare.

Cataclysta Sabrina, n. sp. Pl. IV, f. 3.

Prevailing colour light brownish-yellow. F.w. with white markings from base to centre, a large white somewhat V-shaped mark in the outer half of wing, the tips of the V being broadest and the apex pointing towards the posterior angle of f.w., the inside of the outer half of the V margined with grey; from close to anterior angle, nearly across the wing, a transverse white streak with very narrow edging of black on the outer side, and an equally narrow black marginal line: h.w. base white, on inner half of centre a broad white transverse streak edged on both sides with grey, and a fainter white streak down abdominal margin, turning off above anal angle across the wing nearly to anterior angle, where there is another faint whitish streak just within it; on outer margin four largish silver centred black spots. Expanse of wings 1 inch 3 lines.

About streams at the Snowy Valley (Chekiang Province), not common.

Cataclysta bifurcalis, n. sp. Pl. IV, f. 4.

Prevailing colour brownish-yellow. F.w. with a broad white horizontal streak from base to centre of wing, a somewhat conspicuous dark spot on costa, which forms the left hand top of an irregular lead coloured V-shaped mark; on outer half of costa a white wedged-shaped mark, with a small yellow streak on the centre, a white streak narrowly edged with black on the outside, just within the outer margin; on the edge of wing an interrupted

black line or row of spots: h.w. with a broad conspicuous white streak edged with black from abdominal margin to costa, a very narrow double line along outer margin, with three small black spots on the outer half of the marginal line, and a minute white or silvery spot above the last black one, anterior angle considerably indented. Expanse of wings 11 lines.

About streams at the Snowy Valley (Chekiang Province), not common.

Hydrocampa interruptalis, n. sp. Pl. IV, f. 5.

Prevailing colour ochraceous-yellow. F.w. with a well marked black ring, with white pupil, side by side above it are two more white spots nearly surrounded with black, on outer margin is an irregular black streak, very slightly divided by the ground colour in the middle. H.w. on inner half a black line starts from costa, proceeds nearly to anal angle, and returns to costa, on the outer half more or less elbowed in the middle of its upward course; from the apex of the elbow to the costa a short brown mark margined with black; a broad white transverse streak on the inner half of wing towards the middle, and a second broad white mark from costa half across the wing on outer half; a marginal irregular white streak interrupted about the middle.

This species is subject to much variation, in one specimen the black line described above as starting from and returning to the costa of h.w. merely crosses the wing to the abdominal margin, and the elbowed line instead of being an unbroken and distinct continuation of it, starts considerably nearer the anal angle; and in another specimen the entire marginal white streak both in upper and lower wing is not interrupted at all. Expanse of wings 11 lines.

Common on some ponds about Shanghai.

Hydrocampa nigrolinealis, n. sp. Pl. IV, f. 6.

Ground colour brown, markings much the same as in *H. interruptalis*, the white spots and black lines being boldly and distinctly marked: h.w. including the very narrow fringe line, with seven black transverse lines, and a black edged large white mark just below the costa in the centre; an uninterrupted white line, elbowed in the middle, and black edged on both sides, extends from the costa, outside the white mark, to the abdominal angle. Expanse of wings 1 inch.

Occasionally taken on ponds round Shanghai.

Oligostigma insectalis, n. sp. Pl. IV, f. 7.

F.w. prevailing colour greyish-brown; several longitudinal whitish streaks from base to beyond middle, the largest of them just above the inner margin, turned upwards and terminating at the costa; a transverse white streak just within the outer margin: h.w. upper half streaked with greyish-white and black three-quarters of the way across the wing, rest of wing brown-yellow; a central longitudinal interrupted black edged white streak; narrow marginal black line with a row of small black dots just within the margin, notched at its tip. Expanse of wings 8 lines.

On the clear water canals about Shanghai, not common.

Oligostigma regularis, n. sp. Pl. IV, f. 8.

Basal half of both f. and h.w. streaked with white and greyish-black; outer halves pale brown, with a white streak more or less edged with greyish-black. Interior angle entire. Expanse of wings 6 lines.

Common amongst water-weeds round Shanghai.

Pyrausta Minnehaha, n. sp. Pl. IV, f. 9.

Body grey. F.w. a delicate rose tint; on outer half, a line of slightly darker colour, elbowed in the middle, and terminating on the inner margin: h.w. grey, two transverse lines nearly across the wing, one commencing above the middle and one below. Expanse of wings 11 lines.

I took three specimens of this pretty little insect close beside a cascade at the Snowy Valley (Chekiang Province); it also occurs in Japan.

Lepyrodus bistigmalis, n. sp. Pl. IV, f. 10.

Dull grey-brown, with whitish markings. F.w. the elbowed line with about half-a-dozen faintly indicated spots, forming a transverse line on the outside, and three, rather more conspicuous, on the inside; about the centre of the wing is a somewhat larger spot, intersected by the elbowed line; nearer the base are two small white spots, one obliquely below the other: h.w. with several irregular white markings about the centre, through part of which runs a continuation of the elbowed line of the former; near the base are two distinct spots, one

nearest the abdominal margin rotundate, the other linear and reaching the margin. Expanse of wings 9 lines.

Common at the Feng Whan Shan (hills) near Shanghai.

Lepyrodes Fengwhanalis, n. sp. Pl. IV. f. 11.

F.w. rather light brown, a transverse straight line near the base; several irregular whitish markings in the centre, and a well defined row of triangular spots, edged on the outside with dark brown, within the outer margin: h.w. with the basal line continued, but not quite so straight; a white elbowed line across centre of wing, the space between it and the continuation of the straight line somewhat darker, with two white spots; an irregular interrupted white line within outer margin, and a rather large triangular white spot on the costa, within the elbowed line. Expanse of wings 10 lines.

Feng Whan Shan (hills) not common.

Hemerusia aurantiana, n. sp. Pl. IV, f. 12.

F.w. inner two-thirds orange-brown, outer third black, with numerous minute red markings: h.w. dark grey. Expanse of wings 6 lines.

Shanghai, one specimen.

LEPIDOTARPHIUS, n. gen.

Head obtuse; palpi small, drooping, divergent; wings elongate; body elongate, flattened; scales of thorax and base of wings very dense and closely packed.

This genus is apparently intermediate between *Butalis* and *Panalia*, and the characteristics of the body indicate a close relationship to *Staintonia*.

Lepidotarphius splendens, n. sp. Pl. IV, f. 13.

Thorax and head burnished metallic-green, second abdominal segment deep black, rest of abdomen rich yellow, anal tuft plum colour: f.w. basal half burnished metallic-green, outer half rich yellow, with 7 apparently raised bright golden spots: h.w. dark grey. Expanse of wings 8 lines.

Occasionally taken amongst reeds; not uncommon at ponds on the Shanghai race-course.

